

CHEMICAL RESEARCH/SANDERS

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Patents

DISCLOSURES DOCKET

Philip Morris Incorporated  
Privileged and Confidential

May 1, 1983

Code 1 - Offensive/Urgent  
Code 2 - Defensive/Urgent  
Code 3 - Offensive/Normal  
Code 4 - Defensive/Normal

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1105 LONG CHAIN ALKYL AND ALKENYL ESTERS OF OXOCARBOXYLIC ACIDS

D. Williams, E. Southwick, and W. Edwards III  
Chemical Research/Osdene/Sanders

This invention describes a novel class of long chain alkyl and alkenyl esters of oxocarboxylic acids which act as tobacco flavorants.

Gregory/D&O

- 6-10-82 Disclosure file opened.
- 6-16-82 Disclosure to D&O with request to perform patentability search and advise scope of patent protection obtainable.
- 7-27-82 Search results received—to inventors for review with request for additional information; D&O instructed to draft application.
- 9-14-82 Japanese article to D&O for consideration.
- 9-17-82 Letter from D&O recommending meeting to discuss the invention.
- 10-6-82 Memo to inventors re Japanese article.
- 10-14-82 Depaoli conference to discuss case.
- 11-16-82 Memo to SAH asking her to ascertain plans for future work on this case; she says work progressing.
- 12-7-82 Note from Farone indicating that a literature search is in progress and data on current work is being compiled.

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## 1127 SMOKING COMPOSITIONS

K. Podraza and Y. Houminer  
Chemical Research/Sanders/Osdene

This invention provides smoking compositions which contain a mono-carbonate ester compound as a flavorant additive. In one of its embodiments, this invention provides tobacco compositions which contain a monocarbonate ester flavorant additive such as 1-phenoxy-carbonyloxy-3-propanol. Under cigarette smoking conditions this mono-carbonate ester pyrolyzes into phenol and other products which flavor the mainstream and sidestream smoke.

### FILED Inskip/D&O

10-8-82	Disclosure file opened.
10-14-82	Disclosure discussed with Depaoli.
10-27-82	Disclosure to D&O for application preparation.
12-20-82	Draft application received—to inventors for review.
12-29-82	Inventors comments received.
3-3-83	Inventors comments to D&O.
3-15-83	Redraft received.
3-25-83	Redraft to S. Hutcheson for management review.
3-31-83	Executed and mailed to PTO.

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**1129 APPLICATION OF ABIENOL TO TOBACCO LEAF**

R. Southwick, R. Izac, D. Teng, and H. Grubbs  
Chemical Research/Sanders/Osdene  
Biomaterials Science/Whidby/Farone

Application of abienol, a diterpene found in Oriental tobaccos, to bright tobacco varieties to alter flavor properties.

Inskip

9-28-82	In-house search completed.
10-8-82	Disclosure file opened.
1-10-83	Additional examples received.
3-4-83	E.S. thinks nothing pending; SAH will pursue.

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1146 NOVEL PYRAZINE ETHERS AND THIOETHERS

D. Williams, E. Southwick, and Y. Houminer  
Chemical Research/Sanders/Osdene

Inskeep/D&O

1-24-83    Disclosure file opened.  
2-4-83    Disclosure to D&O for patentability evaluation.  
3-9-83    Letter from Depaoli giving his view of patent strategy.  
3-15-83    Memo to inventors requesting smoking panel results.

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**1151** TETRACARBONATES OF 2,5-DIMETHANOL-3,6-DIHYDROXY-1,4-DIOXANE AS RELEASE AGENTS FOR PHENOL AND ALCOHOL FLAVORANTS

K. Podraza and Y. Houminer  
Chemical Research/Sanders/Osdene

Inskeep  
3-4-83      Disclosure file opened.

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